

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-195861

(43)Date of publication of application : 15.07.1994

(51)Int.Cl. G11B 19/247
G11B 19/02
G11B 20/10

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(30)Priority

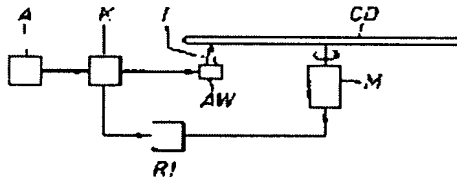
Priority number : 92 4231117 Priority date : 17.09.1992 Priority country : DE

(54) METHOD FOR RECORDING AND REPRODUCING DATA

(57)Abstract:

PURPOSE: To effectively use the storage capacitance of a recording carrier by controlling the speed of the recording carrier at the time of recording and reproducing data, while depending on a compression degree.

CONSTITUTION: A data recording device A supplies digital-form data to a compressing equipment K by a prescribed time pattern. The compressing equipment K compresses data in accordance with a prescribed algorithm and records it in a magneto-optical disk CD. At this time, the speed of revolution of a motor M is controlled in accordance with the compression degree with a controller R1 at the control output side of the compressing equipment K. At the time of reproduction, the speed of revolution is controlled so as to be equal to the speed of revolution of the motor M at the time of recording. Thus, the speed of the disk is reduced at the time of the high compression degree and heightened at the time of the low compression degree. Therefore, the storage capacitance is efficiently exhausted so that recording and reproducing without a loss are executed.



LEGAL STATUS

[Date of request for examination] 24.07.2000

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

3457031

[Date of registration]

01.08.2003

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against
examiner's decision of rejection]

[Date of extinction of right]